POTHAPRAGADA RAZKUMAR

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8919364612

44-7-7/1, Prasanth Nagar, Thatichetlaplem, Visakhapatnam-530016.

---**OBJECTIVE**--

To obtain an entry-level position at a respected organization and utilize the educational qualifications I've obtained during my under graduation.

--**NICHE SKILLS**---

- MS Office
- C language and JAVA programming
- I have the knowledge on how to work with Arduino.
- I can work with the tools like DSCH and Microwind.
- I have little knowledge on how to work with softwares like MATLAB and ANSYS.

--**EXTRA CIRRICULAR ACTIVITIES**------------------------------------

- Participated as a volunteer in Govt tour named 'VIKASA VARADHI'.
- Participated in Humanoid robotics workshop held at Warangal.
- Participated as an Electronics developer for Go-Kart.

--**ACHIEVEMENTS AND AWARDS**------------------------------------

- Achieved 1st place in science quiz
- Achieved 1st place in Maths quiz.
- Achieved 3rd place in Paper Presentation on the topic Haptic Technology.

----------------------------------**WORKSHOPS AND INDUSTRIAL VISITS**-----------------------------------

- Attended Workshop on **"Andhra Pradesh Innovative Society's iBootUp IoT Series"** in Vignan's institute of technology for Women, Kapu Jaggarajupeta, Andhra Pradesh, Visakhapatnam-530046.
- Participated in "**ICT Academy YOUTH TALK Andhra Pradesh**" in NSRIT, Sontyam, Visakhapatnam.
- Participated In **"Vikasa Varadhi College Connect program"** and visited the following companies in Andhra Pradesh.

  - **KIA Motors** (Anantapur greenfield)
  - **Brandix** (Atchutapuram Mandal)
  - **International Institute of Digital Technology (IIDT)** (Tirupathi)
  - **Andhra Pradesh MedTech Zone (AMTZ)** (Visakhapatnam)
  - **Innovation valley** (Visakhapatnam)

---**MINI PROJECT**--

TITLE: Automated Room.

Description: The project outline is a room that is controlled using voice. People now-a-days mostly depend on mobile phones in which few people use "hey google". So, using Alexa I made a classroom in our college completely automated. We used open-source platform Arduino IDE and IoT.

---**MAJOR PROJECT**---

TITLE: Traffic control using Fuzzy Logic.

Description: The project outline is to provide a development for reducing the traffic over the existing technology. Presently FLC's are being used to control the traffic. Fuzzy logic is an area which includes AI in which many algorithms existing. GA (Genetic Algorithm) is the algorithm present working technology, so I started to work on PSO (Particle Swarm Algorithm) which is completely advanced GA and reduces the traffic issues much efficiently.

Software used: MATLAB 2020.a

Project role: I developed the code and simulated the PSO algorithms and observed various output parameters.

Team size: 4 members.

--**EDUCATION**--

- **B. Tech**, Electronics and Communication Engineering, Nadimpalli Satyanarayana Raju Institute of Technology, JNTU-K, Visakhapatnam, A.P, India, Aggregate: 6.78 CGPA, 2017-2021.
- **Intermediate Public Examination**, MPC, Narayana Junior College, Broad of Intermediate Education, Visakhapatnam, A.P, India, Aggregate: 91.6%, 2015-201s7.
- **Secondary School Certificate,** 10th Class, Narayana High School, Visakhapatnam, A.P, India, Aggregate: 8.7 GPA, April 2015.

--**STRENGTHS**---

- Hardworking and Dedicative.
- Able to cope up with new team at ease.
- Quick learning ability.

--**INTERESTS** --

- Listening music.
- Playing games.
- Watching movies to get fluency in other languages.

---**PERSONAL PROFILE** ---

- Name: Raz kumar
- Surname: Pothapragada
- Father's name: P.V. Phani kumar
- Mother's name: P. Shanti
- D.O.B: 03-04-2000
- Gender: Male
- Marital status: Bachelor
- Nationality: Indian
- Languages Known: English, Hindi, Telugu
- Address: 44-7-7/1, Prasanthi Nagar, Thatichetlaplem, Visakhapatnam-530016.

--**DECLARATION**--

 I hereby declare that all the information mentioned in my resume is true and correct to my knowledge and I take full responsibility for the accuracy of the particulars mentioned.

Place: Visakhapatnam

Date: 20-09-2021   (RAZ KUMAR)